Submittal Data Sheet

CLW01   **LonWorks Adapter**

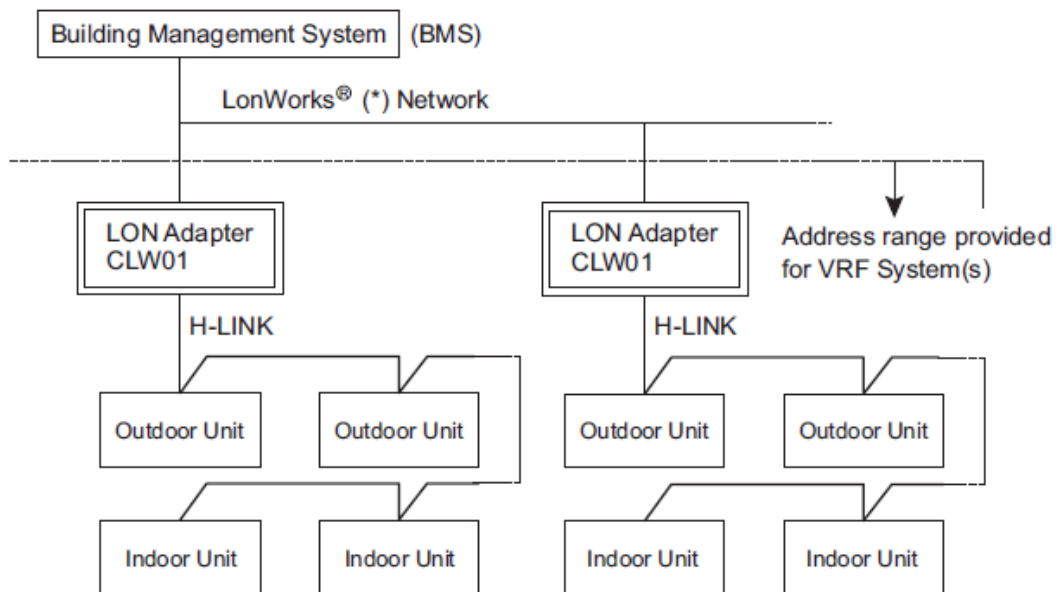| Job Name:		Location:	
Purchaser:		Order No:	
Engineer:			
Submitted To:	Approval:		Construction:
Submitted By:	Date:		
Unit Designation:	Schedule No:		Model No:

FEATURES AND BENEFITS

- Allows for control and monitoring of up to 64 Indoor Units
- Group control of 16,32 or 64 Control Groups
- Integrate with third party building automation systems supporting the LonWorks protocol
- Connect up to 8 Large (CCL01) and/or Mini (CCM01) Central Controllers simultaneously to the same H-LINK II segment
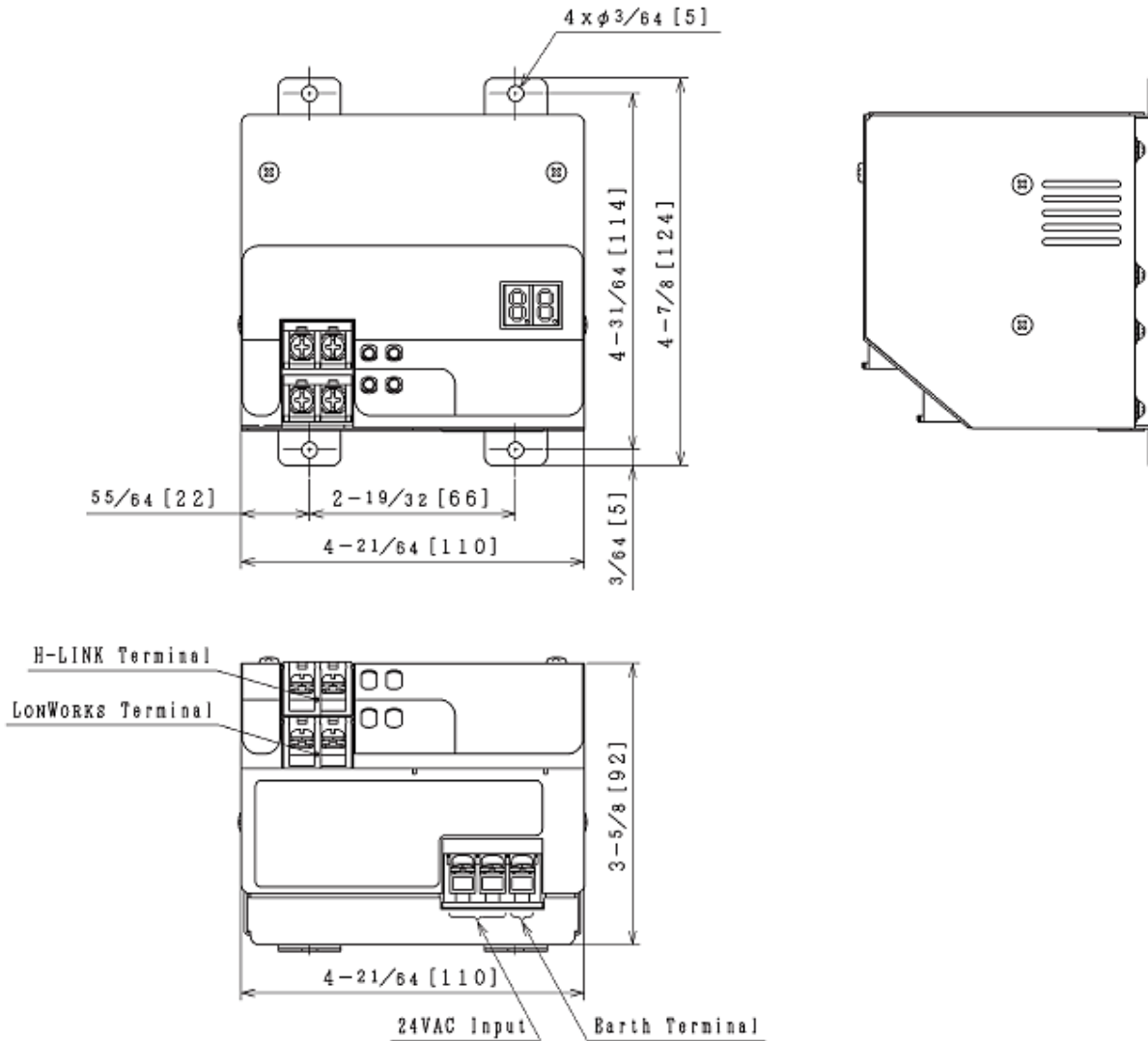
LonWorks Adapter Specifications	
Power Supply	AC24V ± 10% (60Hz)
Power Consumption	6W (Max.)
Operating Conditions	Ambient Temperature: 32 ~ 113°F (0 ~ 45°C)
	Ambient Humidity: 25 ~ 80%RH (No Condensation)
Transceiver	FT5000 Smart Transceiver
Net Weight	1.5lb (670g)
Installation Considerations	Attach to wall (vertical) (4-M4 screws (not included in the package) or installed on DIN rail)

Sample of System Configuration

     Specifications subject to change

CLW01

Outer Dimensions

4 x φ3/64 [5]

4-31/64 [114]
4-7/8 [124]
3/64 [5]

55/64 [22]
2-19/32 [66]
4-21/64 [110]

H-LINK Terminal
LONWORKS Terminal

3-5/8 [92]

4-21/64 [110]

24VAC Input
Earth Terminal

Specifications subject to change

	Function	Description
Control Functions	Run / Stop	Sets the operation of the Indoor Unit. (Run / Stop)
	Operation Mode [1]	Sets the operational mode of the Indoor Unit. (Cool / Heat / Fan / Auto / Dry)
	Indoor Temperature Setpoint [1]	Sets the room temperature setpoint of the Indoor Unit. (63°F - 86°F)
	Fan Speed Level	Sets the fan speed output setting of the Indoor Unit. (Low, Med, High)
	Prohibiting Remote Control Operation	Enables or disables the remote controller's ability to control the Indoor Unit's run / stop / fan / mode / room temperature setpoint.
	Filter Sign Reset	Checks if the filter is clogged and resets the status as required.
	Outdoor Unit Energy Saving	Limits the capacity of the Outdoor Unit for either noise reduction or demand control purposes
	Temperature Mode Switch/Outdoor Unit Control Mode	Enables the Temperature and Mode of al Indoor Units in a System to be fixed and unchangeable by the local zone controller
Monitoring Points	Run/Stop	Monitors and reports the Run / Stop operational status of the Indoor Unit.
	Operation Mode	Monitors and reports the operational mode of the Indoor Unit. (Cool / Heat / Fan / Auto / Dry)
	Indoor Temperature Setpoint	Monitors and reports the current room temperature setpoint of the Indoor Unit. (62°F - 86°F)
	Fan Speed Level	Monitors and reports the fan speed output setting of the Indoor Unit. (Low, Med, High)
	Thermo Status	Monitors and reports the call for Heating or Cooling
	Prohibiting Remote Control Operation	Monitors and reports the status of the remote controller lockout function for run / stop / fan / mode / room temperature setpoint.
	Filter Sign	Checks if the filter is clogged and monitors whether or not it can still be used.
	Indoor Air Intake Temperature	Monitors and reports the current indoor air intake temperature.
	Indoor Air Outlet Temperature	Monitors and reports the current indoor air discharge temperature.
	Outdoor Temperature	Monitors and reports the current ambient temperature
	Alarm Code	Displays a specified malfunction code of the Outdoor Unit in the system which has experienced a malfunction.
Application Notes:		1. When the operation mode is set to any mode other than "HEAT", the valid temperature range for Indoor Temperature Setting Value is 66°F - 86°F. When switching operation mode from "HEAT" to "COOL" while the Indoor Temperature Setting value is <66°F, the Remote Controller will indicate a value <66°F, but the Indoor Unit is operating with a 66°F setpoint.

Specifications subject to change